

**Engineering and Design  
HYDRAULIC DESIGN OF FLOOD CONTROL CHANNELS****1. This Change 1 to EM 1110-2-1601, 1 Jul 91:**


- a.* Updates Chapter 2.
- b.* Updates Chapter 3.
- c.* Adds Chapter 5, which describes methods for predicting  $n$  values for the Manning equation.
- d.* Updates the Table of Contents to reflect the changes in Chapters 2 and 3 and the addition of Chapter 5.
- e.* Updates the preceding chapters to reflect the addition of Chapter 5.
- f.* Adds references in Chapters 3 and 5 to Appendix A.
- g.* Adds updated plates in Chapter 3 to Appendix B.
- h.* Inserts page F-18, which was inadvertently omitted.
- i.* Updates Appendix H.
- j.* Adds symbols in Chapter 5 to Appendix I.

**2. Substitute the attached pages as shown below:**

Chapter	Remove page	Insert page
Table of Contents	i and ii	i and ii
2	2-1 and 2-2	2-1 and 2-2
3	3-1 thru 3-10	3-1 thru 3-12
5	—	5-1 thru 5-16
Appendix A	A-1 thru A-7	A-1 thru A-8
Appendix B	B-35 thru B-60	B-35 thru B-61
Appendix F	F-17	F-17 and F-18
Appendix H	H-1 and H-2	H-1 and H-2
Appendix I	I-1 thru I-4	I-1 thru I-4

3. File this change sheet in front of the publication for reference purposes.

FOR THE COMMANDER:

  
WILLIAM D. BROWN  
Colonel, Corps of Engineers  
Chief of Staff